



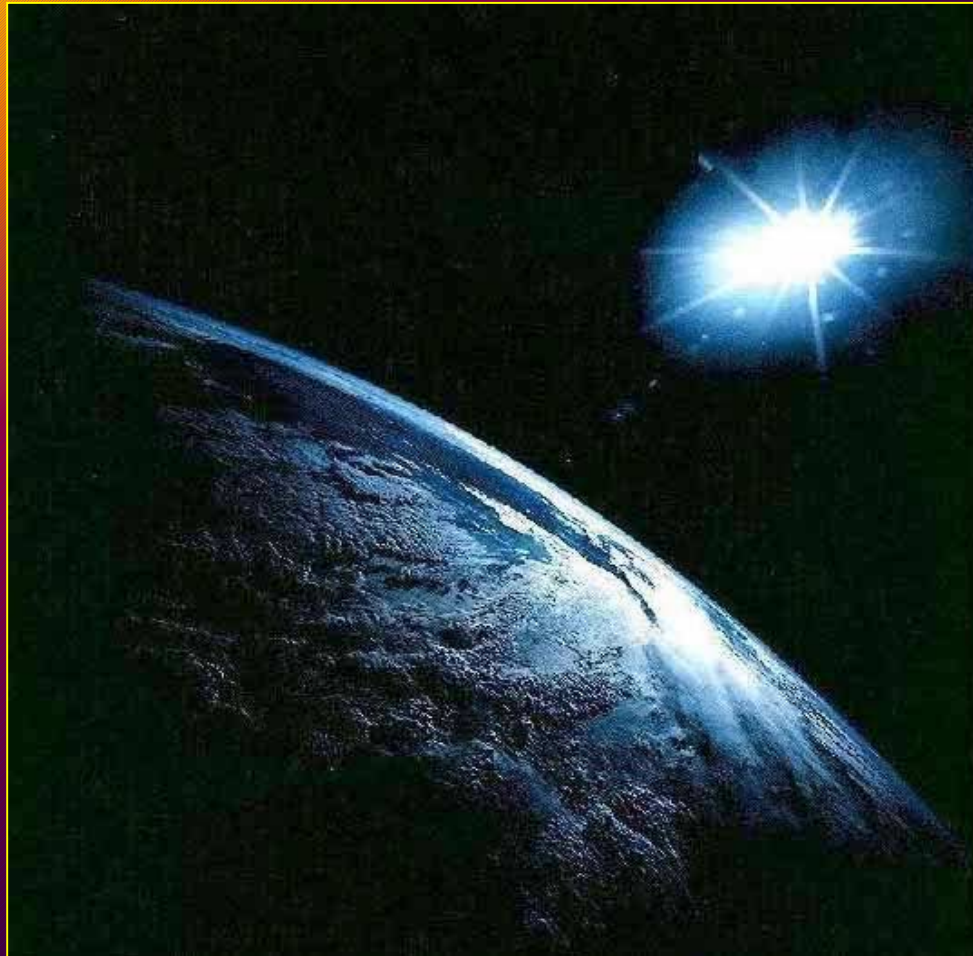
Sun-Earth Connection:



Our Star - Our Sun

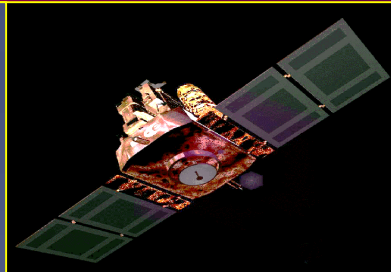


**Did you know that our Sun
is a star in the sky?**



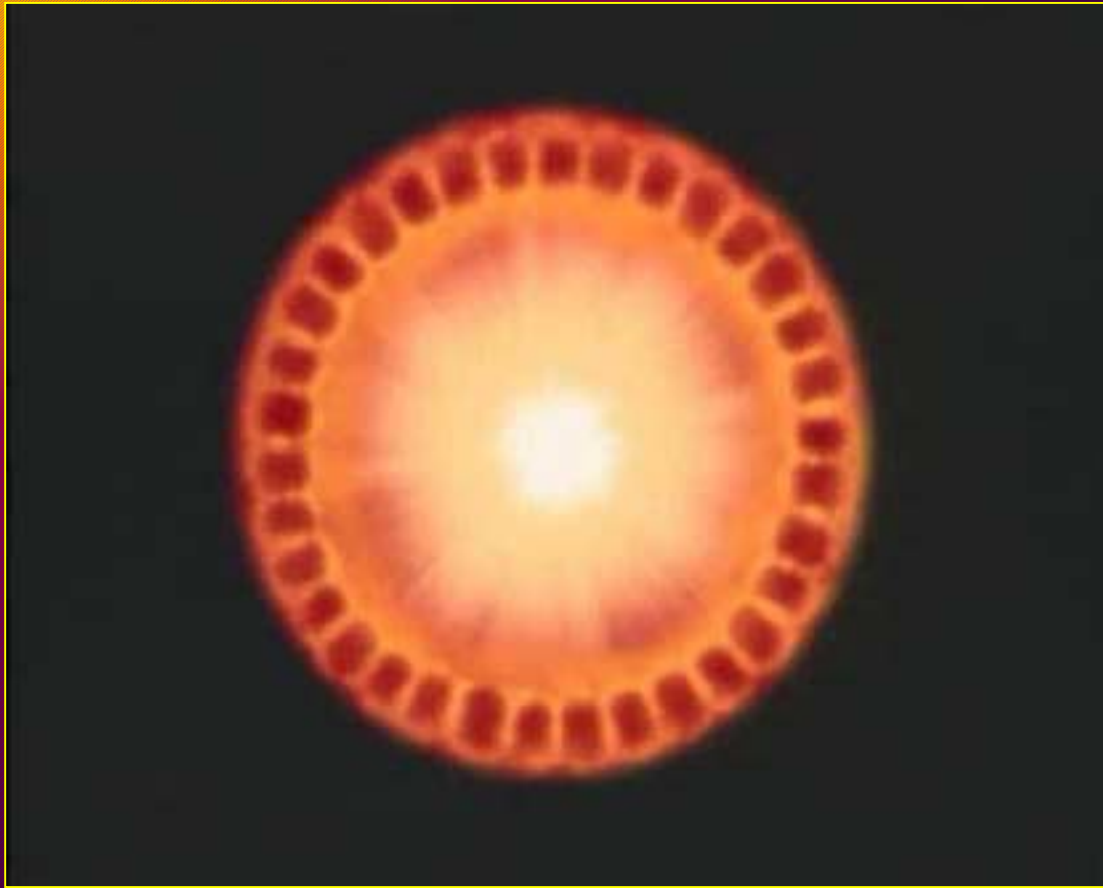


Scientists use instruments to learn about the Sun.





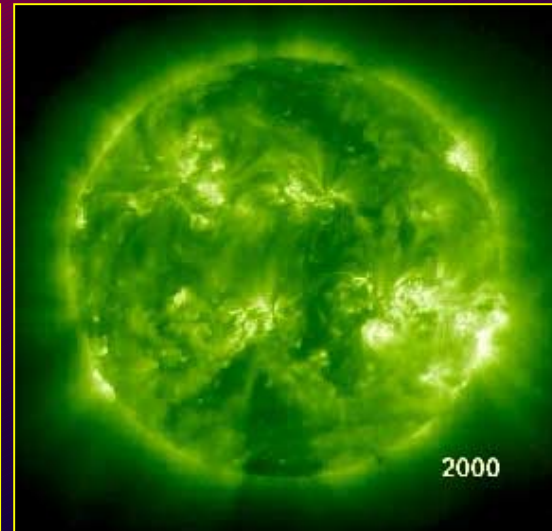
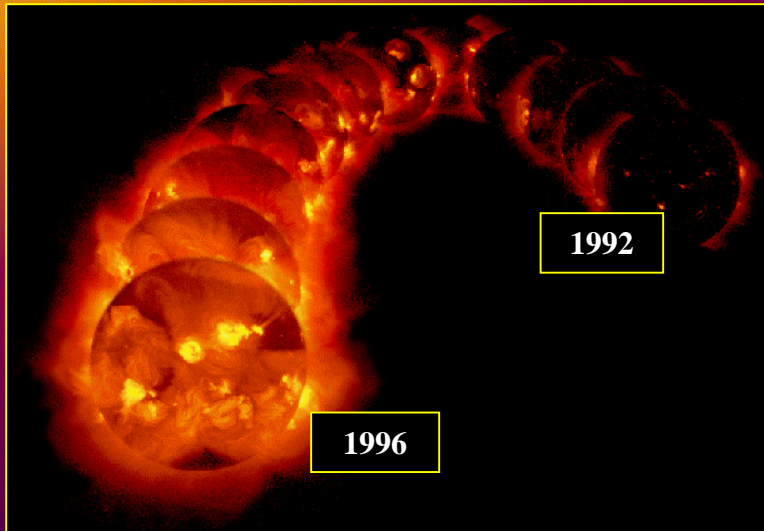
Our Sun is hot. It makes its own heat and light.



This is what our Sun look like on the inside.



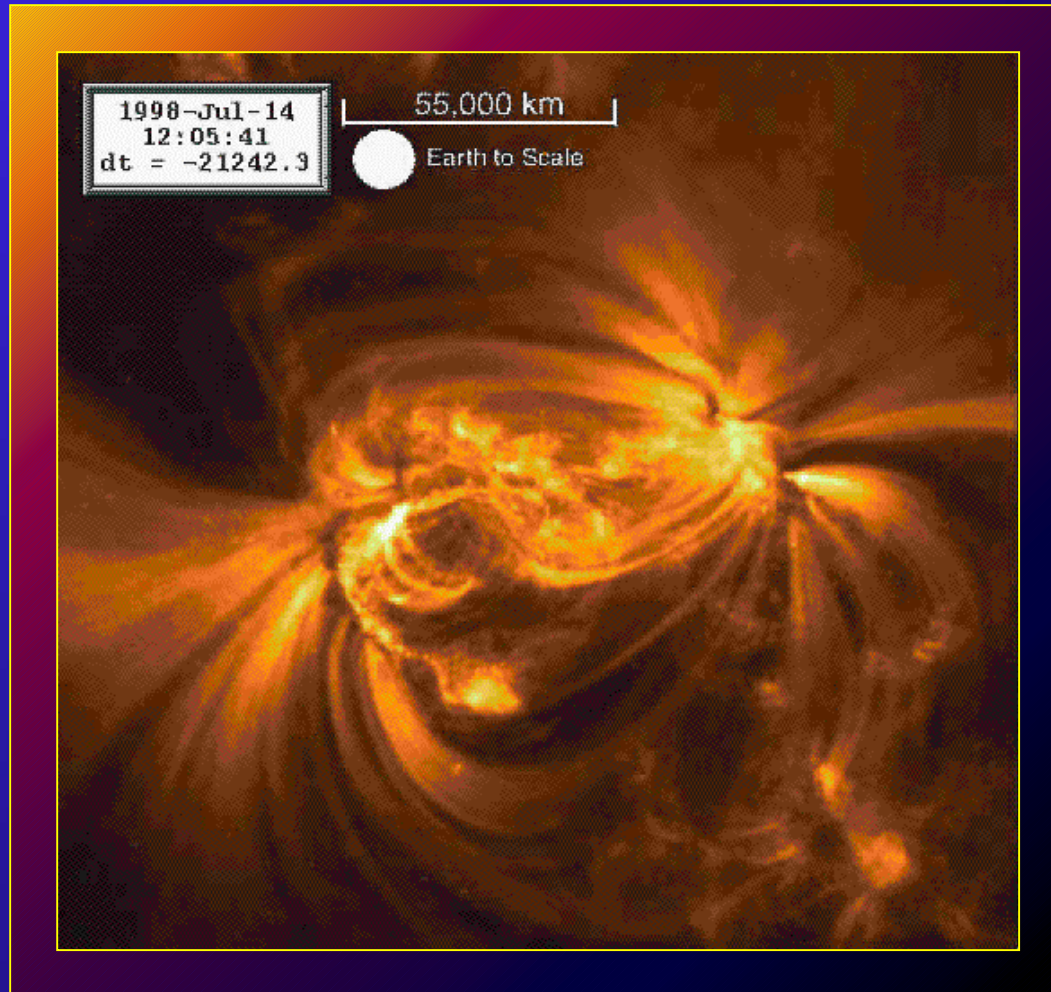
The Sun can be active or quiet. An active Sun makes more heat and light than a quiet Sun.



Some satellites take different color pictures of the Sun.

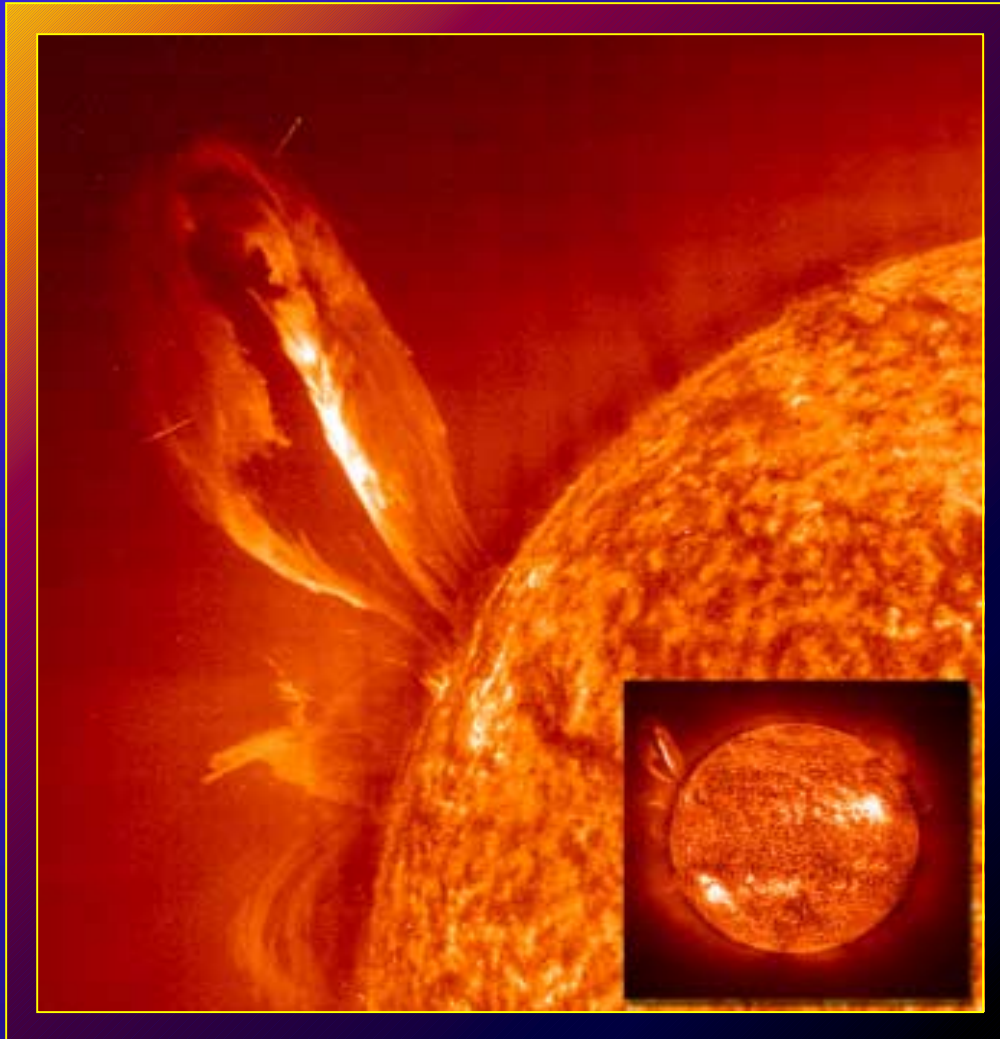


During active times, the Sun makes many bubbles of heat and light.





During active times, the Sun's energy bursts out towards the Earth.



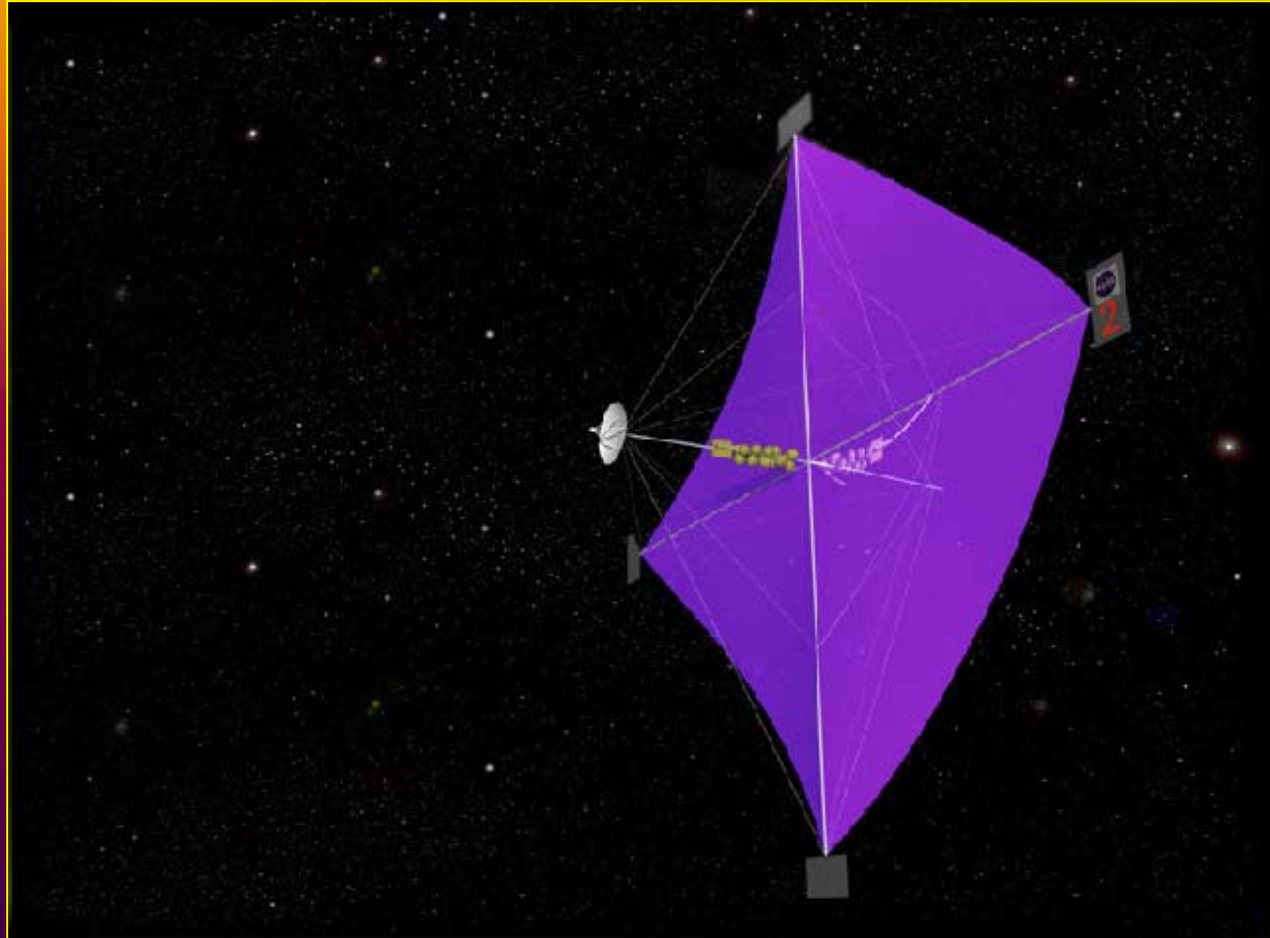


The energy that comes out from the Sun is called the solar wind.





Scientists will invent a spacecraft with a sail that is pushed by the Sun's light.





Sometimes the Sun's wind makes pretty colors in the sky. This is called an **Aurora**.



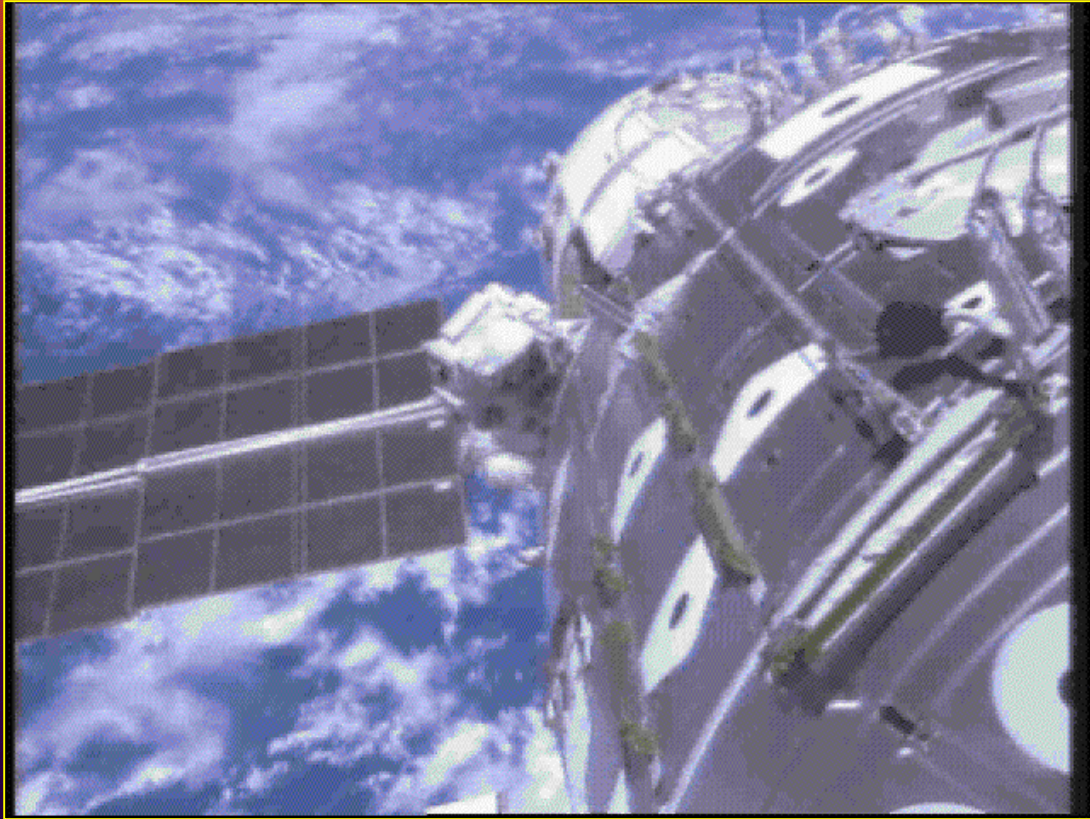
View From Earth



View From Space



Astronauts need to wear space suits to keep them safe from the Sun's heat and light.





**When the Sun changes, its heat
and light can change the Earth.**



**We need to learn about our star,
the Sun.**